Number 29484 3493.ccls. 29484 3493.ccls. 2003/03/13 2003	L	Hits	Search Text	DB	Time stamp
216268	3	29484	349\$.ccls.	US-PGPUB;	1
218100	4	216268	"lcd" "liquid crystal" "nematic"	USPAT; US-PGPUB;	1 ' '
Section Sect	5	218100		USPAT; US-PGPUB;	1
0	6	399		USPAT; US-PGPUB;	
	7	0	"nematic")) and "residual image") and "dc	USPAT; US-PGPUB;	
9 0 ((3498.ccls. ("lcd" "liquid crystal" USPAT; USP	8	0	((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image") and "ac	USPAT; US-PGPUB;	
10	9	0	((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image") and	USPAT; US-PGPUB;	· · ·
11	10	0	((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image") and	USPAT; US-PGPUB;	
2	11	11	((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image") and	USPAT; US-PGPUB;	
13 10 ((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image") and (ac near6 "residual image") and (dc near6 "residual image") and ("direct current" near6 "residual image") and ("direct current" near6 "residual image") (((349\$.ccls. ("lcd" "liquid crystal" "residual image")) (((349\$.ccls. ("lcd" "liquid crystal" "residual image")) (((349\$.ccls. ("lcd" "liquid crystal" "residual image")) (((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image")) ((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image")) ((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image") ((349\$.ccls. ("lcd" "liquid crystal" US-PGPUB; EPO; JPO USPAT; US-PGPUB; Desidual image")) ((349\$.ccls. ("lcd" "liquid crystal" US-PGPUB; Desidual image")) ((349\$.ccls. ("lcd" "liquid crys	12	2	((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image") and	USPAT; US-PGPUB;	
14	13	10	image") ((349\$.ccls. ("lcd" "liquid crystal"	USPAT;	
"mematic")) and "residual image") and (dc near6 "residual image") 15	14	16	near6 "residual image") ((349\$.ccls. ("lcd" "liquid crystal"	EPO; JPO	
"nematic")) and "residual image") and ("direct current" near6 "residual image")) ((349\$,ccls. ("lod" "liquid crystal" "nematic")) and "residual image") and ((349\$,ccls. ("lod" "liquid crystal" "nematic")) and "residual image") and (349\$,ccls. ("lod" "liquid crystal" "nematic")) and "residual image") and (ac near6 "residual image") and (ac near6 "residual image") and (crystal" "nematic")) and "residual image") and (adsp.ccls. ("lod" "liquid crystal" "nematic")) and "residual image") and ("alternating current" near6 "residual image") and ("alternating current" near6 "residual image") ((349\$,ccls. ("lod" "liquid crystal" "nematic")) and "residual image") and (ac near6 "residual image")) ((349\$,ccls. ("lod" "liquid crystal" "nematic")) and "residual image")) (349/122).CCLS. ("lod" "liquid crystal" "nematic")) and "residual image")) (349/122).CCLS. ("lod" "liquid crystal" "nematic")) and "residual image")) (USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; US-	15	37	near6 "residual image")	EPO; JPO	
image") and ("alternating current" near6		,	"nematic")) and "residual image") and ("direct current" near6 "residual image")) (((349\$.ccls. ("lcd" "liquid	US-PGPUB;	
crystal" "nematic")) and "residual image") and (dc near6 "residual image") (((349\$.ccls. ("lcd" "liquid crystal" USPAT; US-PGPUB; EPO; JPO (349/122).CCLS. ("lcd" "liquid crystal" USPAT; USPAT			<pre>image") and ("alternating current" near6 "residual image")) (((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image") and (ac near6 "residual</pre>		
("alternating current" near6 "residual image")) (((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual image")) ((349/122).CCLS. 984 (349/122).CCLS. 946 (349/138).CCLS. 107 (349/162).CCLS. 108 (349/122).CCLS.) ((349/138).CCLS.) 109 (((349/122).CCLS.)) ((349/138).CCLS.) 100 (((349/122).CCLS.)) ((349/138).CCLS.) 101 ((349/162).CCLS.)) ((349/138).CCLS.) 102 (((349/162).CCLS.)) (((349/138).CCLS.)) ((((349/162).CCLS.))) and "ac residual" EPO; JPO USPAT; 2002/09/30 US-PGPUB; EPO; JPO USPAT; 2002/09/30	16	12	crystal" "nematic")) and "residual image"))	USPAT;	2003/03/13
- 984 (349/122).CCLS. USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB;			("alternating current" near6 "residual image")) (((349\$.ccls. ("lcd" "liquid crystal" "nematic")) and "residual	·	08:16
- 946 (349/138).CCLS. USPAT; 2002/09/30 08:34 - 107 (349/162).CCLS. USPAT; 2002/09/30 USPAT; 2002/09/30 USPAT; 2002/09/30 USPAT; 2002/09/30 USPAT; US-PGPUB; EPO; JPO USPAT; 2002/09/30 USPAT; 2002/09/30 USPAT; 2002/09/30 USPAT; US-PGPUB; EPO; JPO USPAT; 2002/09/30	-	984		US-PGPUB;	1
- 107 (349/162).CCLS.	-	946	(349/138).CCLs.	USPAT; US-PGPUB;	
- 1951 ((349/122).CCLS.) ((349/138).CCLS.) USPAT; 2002/09/30 (0349/162).CCLS.) US-PGPUB; EPO; JPO USPAT; 2002/09/30 ((349/162).CCLS.) ((349/138).CCLS.) USPAT; 2002/09/30 (349/162).CCLS.)) and "ac residual" US-PGPUB; 08:36		107	(349/162).CCLS.	USPAT; US-PGPUB;	
- 0 (((349/122).CCLS.) ((349/138).CCLS.) USPAT; 2002/09/30 ((349/162).CCLS.)) and "ac residual" US-PGPUB; 08:36	-	1951		USPAT; US-PGPUB;	
	-	0		USPAT;	

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_	28424	349\$.ccls.	USPAT;	2002/09/30
	i		US-PGPUB;	08:37
	1		EPO; JPO	
_	0	349\$.ccls. and "ac residual"	USPAT;	2002/09/30
			US-PGPUB;	08:37
			EPO; JPO	
-	10	(((349/122).CCLS.) ((349/138).CCLS.)	USPAT;	2002/09/30
		((349/162).CCLS.)) and "residual image"	US-PGPUB;	08:56
			EPO; JPO	
l -	l 0	((((349/122).CCLS.) ((349/138).CCLS.)	USPAT;	2002/09/30
ł		((349/162).CCLS.)) and "residual image")	US-PGPUB;	08:56
]		and "alkyl group"	EPO; JPO	
-	60	(((349/122).ccls.) ((349/138).ccls.)	USPAT;	2002/09/30
		((349/162).CCLS.)) and "alkyl group"	US-PGPUB;	08:57
			EPO; JPO	
-	8	(((349/122).CCLS.) ((349/138).CCLS.)	USPAT;	2002/09/30
		((349/162).CCLS.)) and "long-chain"	US-PGPUB;	08:57
		•	EPO; JPO	
-	5	((((349/122).CCLS.) ((349/138).CCLS.)	USPAT;	2002/09/30
1		((349/162).CCLS.)) and "alkyl group") and	US-PGPUB;	09:00
1		((((349/122).CCLS.) ((349/138).CCLS.)	EPO; JPO	·
		((349/162).CCLS.)) and "long-chain")		
-	59	349\$.ccls. and "long-chain alkyl group"	USPAT;	2002/09/30
]			US-PGPUB;	09:00
	j		EPO; JPO	
-	55	(349\$.ccls. and "long-chain alkyl group")	USPAT;	2002/09/30
		not (((((349/122).CCLS.)	US-PGPUB;	09:03
İ		((349/138).CCLS.) ((349/162).CCLS.)) and	EPO; JPO	
		"alkyl group") and ((((349/122).CCLS.)		
		((349/138).CCLS.) ((349/162).CCLS.)) and		
		"long-chain"))		
-	4	(349\$.ccls. and "long-chain alkyl group")	USPAT;	2002/09/30
		and (("%" percent) same alkyl)	US-PGPUB;	09:44
			EPO; JPO	
-	1		USPAT;	2002/09/30
		group") and (("%" percent) same alkyl))	US-PGPUB;	09:09
1		and "molecular weight"	EPO; JPO	